

For 1/32" thick Sheet Lead and up to 1/16" thick, overlap all joints by 1".
For Lead over 1/16" thick, apply a 2" wide batten strip at each vertical joint, fastening at top and bottom as required and/or down each edge of wooden or metal stud. We recommend you leave a minimum of 1" width of the lead batten strip without fasteners.

Place Sheet Lead against wall studs to recommended height above the floor and then securely fastened the top portion of the lead sheet to the studs with proper fasteners. Butt all Lead Sheets together at each joint for lead over 1/16" thick, then fastened sheets down to studs. Where multiple layers might be used it is recommended that you stagger all joints between the layers. Cover all fasteners that have pierced the sheet lead with Lead Tabs/disks or buttons of equal lead thickness and glue them in place with a construction adhesive. You may find where the lead overlaps or where the lead battens are placed creates a high spot. It is recommended that these areas be shimmed at the non-joint studs to insure a level wall surface prior to adding final wall coverings materials such drywall/gypsum board or plywood.

Where built-in items penetrate lead linings, provide lead shields behind those cutouts as required to maintain continuity of radiation protection.
Where outlet boxes, junction boxes, ducts, conduit, and similar items prevent use of shields, provide sheet lead sleeves or linings as required.

Note: Wherever sheet lead is cut, pierced or penetrated for any reason, assure it is rectified by use of same thickness sheet lead, plugs or other desired and approved methods.